

Name: _____

Worksheet – Perfect Square Trinomials – Version 3

Directions: Please fully factor the following expressions. Remember you need to get 8 out of 10 to avoid getting more remediation on this skill.

1. $x^2 + 8x + 16$

2. $y^2 - 14y + 49$

3. $36x^2 + 12x + 1$

4. $25x^2 + 80x + 64$

5. $x^2 + 12xk + 36k^2$

6. $x^{10} + 18x^5 + 81$

7. $x^2y^8 - 10xy^4 + 25$

8. $4x^2 + 16x + 16$

9. $16a^2 + 32ab + 16b^2$

10. $x^2 - 22x + 121$